

Peñuelas Valley Landfill, LLC. PO Box 918 Punta Santiago, PR 00741-0918

January 26, 2018

Team Leader
Clean Water Act Team
Multimedia Permits and Compliance Branch
Caribbean Environmental Protection Division
US Environmental Protection Agency, Region 2
City View Plaza II, Suite 7000
Guaynabo, PR 00968-8069

Director, Water Quality Area Environmental Quality Board PO Box 11488 San Juan, PR 00910

Re: Administrative Compliance Order

Peñuelas Valley Landfill, LLC./EC Waste, LLC.

Docket Number CWA-02-2017-3103 NPDES Tracking Number PRR053203

**Progress Report** 

Dear Team Leader:

The referenced order requires submittal of a progress report of corrective actions to be completed in order to reduce the total suspended solids in the discharge. Peñuelas Valley Landfill (PVL) in the June 22<sup>nd</sup> progress report informed that all tasks had been completed and therefore there were no subsequent progress reports. The evaluation of the corrective measures is still ongoing. Because there had been no precipitation the site had not been able to do an assessment to determine if further corrective action is needed. The first event where the site experienced a discharge out of the sedimentation pond was in December.

The site collected a discharge sample on December 6, 2017. The discharge was generated from a rain event of 0.37 inches. Samples were collected and analyzed for the *Effluent Limitation Guidelines* for Landfills. The analyses show that all parameters tested, except for the total suspended solids (TSS) were below the Effluent Limit. The TSS result was 100mg/l which is above the effluent limitation guideline but at the limit of the Benchmark Monitoring Concentration. The TSS result was 100 mg/l. Parameters of the Effluent Limitation Guidelines that were previously exceeded were well below the limits. A copy of the analyses results is enclosed for reference.

The site has continued to perform maintenance of storm water channels and sediment control devices. Sediments have been removed from the energy dissipaters and other related areas. The site also continues to perform road spraying for the control of fugitive dust.

The statement below follows the requirements of the request for information. The questions and requested presented in the request for information are answered in the attached document.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. 1 am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Should you require additional information please contact Jaime Jaén on 787-391-0074 or René Rodríguez on 787-447-2717.

Cordially,

René R. Rodríguez

Director of Environmental Protection, Health and Safety



SABANETAS INDUSTRIAL PARK · BLD. M-1380 · PONCE, PR 00731 P.O. BOX 359 · MERCEDITA, PR · 00715-0359 TELS. (787) 835-4242 · (787) 848-6050 · FAX (787) 848-6299 · (787) 835-2004 www.altolenterprises.com · info@altolenterprises.com

## REPORT OF ANALYSIS Certificate Number: CERT - 22711

January 11, 2018 Customer Name: EC WASTE Custody Number: 90574 Contact: MARIA VIDAL Sampled Date: Wednesday, December 6, 2017 Customer Address: P O BOX 918 Sampled Time: 1441 hrs. PUNTA SANTIAGO PR 00741-0918 Received Date: Thursday, December 7, 2017 Phone/Fax: | 787-836-3700 Received Time: 1416 hrs. Contact Email: mvidal@ecwaste.com Sample Matrix: Liquid Yuu Sampled By: Maria Vidal Sample Type: Grab Sample Received By: S. Aponte Temp Rec at Lab: 4 °C Sample Dolivered By: Angel Rivera Lab. Sample Number: AT-17-9415 Project and Sample |Storm Water Description: Punto de Monitoría **Method Detection** Parameter Units Result Method Analysis Dato **Analysis Time** Analyst Limit Alpha Terpineol 0.033 mg/L ND **EPA 625** January 10, 2018 1814 LS Ammonia mg/L 0.34 SM 4500 NH3-C 0.050 December 12, 2017 1731 DP Benzoic Acid mg/L ND **EPA 625** January 10, 2018 0.12 1814 LS **Biochemical Oxygen Demand** mg/L 67.8 SM 5210B 2.0 December 7, 2017 1618 DR p-Cresol mg/L ND 0.025 **EPA 625** January 10, 2018 1814 LS Hd S.U. 8.05 SM 4500 H-B 0.10 December 7, 2017 1416 DR Phenol mg/L <0.010 EPA'420.1 0.010 0.026 December 22, 2017 1803 DP **Total Suspended Solids** mg/L 100 SM 2540D 88 4.0 December 13, 2017 1420 JR









SABANETAS INDUSTRIAL PARK · BLD. M-1380 · PONCE, PR 00731
P.O. BOX 359 · MERCEDITA, PR · 00715-0359
TELS. (787) 835-4242 · (787) 848-6050 · FAX (787) 848-6299 · (787) 835-2004
www.altolenterprises.com · Info@altolenterprises.com

## REPORT OF ANALYSIS

Certificate Number: CERT - 22711

January 11, 2018

Parameter	Units	Result	Method	Method Detection Limit	Analysis Date	Analysis Time	Analyst
Zinc	mg/L	0.120	EPA 200.7	0.0060	December 15, 2017	1022	AR

0.20

ND = Not Detected

Saira Vázquez Báez

Laboratory Operations Director

Licensed Chemist 5471

ه احد یا

A 1641301



Page 2 of 2





## ALTOL CHEMICAL ENVIRONMENTAL LABORATORY, INC. SABANETAS INDUSTRIAL PARK, EDIFICIO M-1380, PONCE PR C0731 PO Box 359 Mercedita, PR 00716 TEL.787-848-6050 FAX: 787-848-6299



Attention (A. Australia (A. Bardia (A. Australia (A. Bardia (A. Australia (A. Bardia (A. Bardia) (A. Bardia (A. Bardia) (A. Bardia (A. Bardia) (A. Bardia (A. Bardia) (A. Bardia (A.	100 (100 H 140)	OSC, CUSTODY #	•	
Project Name: Some Waster Project Address Proj		WET CHEMISTRY		
Arsenic (A.C.)  Project Name: Som Water Project Name: Arsenic (A.C.)  Project Address Name: Rush Days Normal Invoice to sample Owner Consultant Gendlum (A.C.)  Bertillum (A.C	(C) Acidity (A)	Y-Phenol (A)	CHROMATOGRAPHY	
Project Address  TUBER AROUND TRUET  TUBER AROUND TRUET  TUBER AROUND TRUET  ANALYSIS TYPE  AMPLE TYPE  SAMPLE TYPE  SAMPLE MATRIX  ### CONTINUES  CONTINU	C) Alkalinity (A)	D Total /A D)	BIEX (AE)	
Project Address  TURN AROUND TIME:   Rush   Days   Normal   Invoice to sample   Dwner   Consultant   Gadmum (A.C.   Blemth (B.C.   Blemth (B.C.   Blemth (B.C.   Blemth (B.C.   Blemth (B.	Ammonia (A B)	Res. Chloring (A)	BIEX (A)	
TURN AROUND TAKE  TURN AROUND TAKE  I Rush  Days  Normel  Invoice to sample  SAMPLE TYPE  SAMPLE MATKIX  Gendman (A.C.)  Edwind (A.C.)  Solid	Ashestos (A)	Sel. Solids mg/L (A)	Chloroform as TTO (A)	
TURNIA PROLING TIME:    Rush   Days   Normal   Involce to sample   Owner   Consultant   Cadmurn (A.C.)	Blcarbonale (A)	Sel. Solids ml/L (A)	Dioxin (A)	
AMALYSIS TYPE  SAMPLE TYPE  SAMPLE TYPE  SAMPLE MATRIX  GOODTIANRES  Galdum (A.C)  Ground Water  Suncy  Gloudy  Ground Water  Solid Waste  Cooper(A.C)  Chromkum Vi.(  Glass  Cobal (A.C)  Vials  Cooper(A.C)  Chromkum Vi.(  Grab  Chromkum Vi.(  Chromkum	) ABOD-5 (A)	Silica (A)	MBK(A)	
ANALYSIS TYPE SAMPLE TYPE SAMPLE MATRIX Consultant Microbiology Source Water Prod ENVIRONMENTAL CONDITION Waste Water Flood Sunny Cloudy Ground Water Flood Sunny Cloudy Ground Water Solid Waste Dinking Waste Dinking Waste Dinking Waste Dinking Waste Dinking Solid Waste Dinking Wast	Bromide (A)	Silica (A)	MTBE(A)	
Calcium (A.C)   Calcium (A.C		Solids Total (A) AgO (1) Sulfata(A)	MCBS(A) POR	
BENVRONMENTAL CONDITION  Wasle Water Food Solld Splest Chromium (A, G) Rainy Cloudy Ground Water Soll Waste Soll Waste Soll Waste Soll Waste Soll Waste Chromium (A, G) Rainy Windy Soll Composite HRS Studge Visis Cooper (A, C) Grab Other Gook (A, G) Fugitive Dust Interposite Fig. Studge Visis Cooper (A, C) Grab Other Gook (A, G) Gook (A, G) Fugitive Dust Interposite Fig. Studge Visis Cooper (A, C) Grab Other Gook (A, G) Hardness (A, G) Hardness (A, G) Interposite Interpo	Carbonale (A)		Posticida Tro	
Sunny Cloudy Ground Water Solid Waste Oil Glass Cobal (AC) Fugitive Dust Other Seawater (Fight Diller Gold (AC) Fugitive Dust Other Seawater (Fight Diller Gold (AC) Fugitive Dust Other Seawater (Fight Diller Gold (AC)  Lag. SAMPLE & (LAD USE) DATE TIME SAMPLE DESCRIPTION OR SAMPLING POILT NUMBER Hardness (AC)  Lag. CAPTER TIME SAMPLE DESCRIPTION OR SAMPLING POILT NUMBER Hardness (AC)  Lag. (AC) Lag. (AC) Lag. (AC) Lag. (AC) Lag. (AC) Lag. (AC) Lag. (AC) Lag. (AC) Misgnesium (AC) Misgnesium (AC) Misgnesium (AC) Silloon (AC) Silloon (AC) Silloon (AC) Silloon (AC) Silloon (AC) Silloon (AC) Theilium (AC) Thrillium (AC	C) Chloride (A)	Sulfide UND (D,H,A)	THE DES THE CONTAIN	
Rainy Fugilive United Solid Westle Oil Gless Cooper (A,C) Fugilive Dust Other Seaward Oil Offer Seaward Oil Offer Seaward Oil Offer Oil Offer Gold (A)  ALE, SAMPLE & LAB USE) DATE TIME SAMPLED ESCRIPTION OR SAMPLING POLITY NUMBER Hardness (A,C)  Laed (A)  Library (A,C)  Lead (A)  Library (A,C)  Menganose (A)  Menganose		Sullie (A)		
Fugilive Dust Other Seawater / Grab Other Other Good (A)  Las. SAMPLE & LAB USE)  DATE  TIME  SAMPLE DESCRIPTION OR SAMPLING POHIT NUMBER  Haddess (AC)  Lead (A)  Lead (A)  Libitum (AC)  Magnesium (AC)  Magnesium (AC)  Selentum (AC)  Silloon (AC)  The Milkell (AC)  The		Surfactant (A)	TPH D G O(A	
AG. SAMPLE 9 (LAG USE)  DATE  TIME  SAMPLE DESCRIPTION OR SAMPLING POLITY NUMBER  Hardness (A.C.)  Lead (A)  Librium (A.C.)  Lead (A)  Librium (A.C.)  Marganess (A.C.)  Marganess (A.C.)  Marganess (A.C.)  Lead (A)  Librium (A.C.)  Marganess (A.C.)  Selenium (A.C.)  Silbon (A.C.)  Silbon (A.C.)  Silbon (A.C.)  Silbon (A.C.)  Tindacium (A.C.)  Tindacium (A.C.)  Tindacium (A.C.)  Vanadum (A.C.)  Vanadum (A.C.)  Vanadum (A.C.)  Vanadum (A.C.)  Vanadum (A.C.)  Vanadum (A.C.)  Tindacium (A.C.)  Tind	Color ADMI (A)	Suspended Solids (A)	TTO (AE)	
ACCUTANT IN A SAMPLE DESCRIPTION OR SAMPLING POULT NUMBER Hardness (A,C)    Lead (A,C)   Lead (A	Color Pt-Co (A)	TDS (A)		
Inch (AC) Lead (AC) Megnessum (AC) Megnessum (AC) Megnessum (AC) Mespessum (AC) Silbon (AC) Silbon (AC) Silbon (AC) Silbon (AC) Silbon (AC) Silbon (AC) Thaillum (AC) Thailu	Conductivity (A)	TICN (A R)	TTO Semi-Volatile (A)	
I Lead (AC) Misspressum (AC) Misspressum (AC) Misspressum (AC) Misspressum (AC) Selentum (AC) Silven (AC) Silven (AC) Silven (AC) Silven (AC) Silven (AC) Thailium (AC) Thaili	Cyankle (A,D,G)	TOC (A,B)	1.400	
Lead (A) Lithium (A,C) Misgnesium (A,C) Selentum (A,C) Silibon (A,C) Silibon (A,C) Sinonitum (A,C) Tinitum (A,C) Vanadium	D.O (A)	Turbidity (A)		
Lifhlum (A,C)  Magnesium (A, Marquing (A, Ma	Fluoride (A)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Magnessum (A.)  Magnessum (A.)  Magnessum (A.C)  Molybdenum (A.C)  Molybdenum (A.C)  Polassium (A.C)  Selenium (A.C)  Silbon (A.	lodkle (A)	RORA	Fecal Coliform (A,F)	
Marganese (A. Ma	lodine (A)	Readivity (A)		
Manganese (A, Morcury (A,C) Adolydeum (A, Nickel (A,C) Polassium (A,C) Selenium (A,C) Selenium (A,C) Silver (A,C) Silver (A,C) Sodium (A,C) Silver (A,C) Sodium (A,C) Thellium (A,C) Thell	C) MLVSS (A)	Reactivity (A)		
Mercury (A,C) Molybdenum (A Nickel (A,C) Polessium (A,C) Selenium (A,C) Silbon (A,C) Silver (A,C) Thellium (A,C) Thellium (A,C) Thellium (A,C) Thenlium (A,C) Thenl	C) Moisture (A)	Corrostvity (A)		
Molybdenum (A. Nicker (A.C.) Polassium (A.C.) Selenium (A.C.) Silbon (A.C.) Silver (A.C.) Silver (A.C.) Silver (A.C.) Silver (A.C.) Sirver (A.C.) Theillium (A.C.) Trin (A.C.) Tilanium (A.C.) Vanadium (A.C.)	Nitrato & Nitrite (A	Ignitability (A)		
Nickel (A,C) Polassium (A,C) Selenium (A,C) Silton (A,C) Sodium (A,C) Thellium (A,C) Thellium (A,C) Tinatum (A,C) Tinatum (A,C) Vanadium (	(C) Nitrate (A)		Salmonella (A,F)	
Polassium (A,C) Selentum (A,C) Selentum (A,C) Silvon (A,C) Sodium (A,C) Sodium (A,C) The (A,C) Triantum (A,C) Triantum (A,C) Vanadum (A,C) Triantum (A,C) Vanadum (A,C) Vanadum (A,C) Vanadum (A,C) Silvon (A,C) Silvon (A,C) Silvon (A,C) Silvon (A,C) Vanadum (A,C) Vanadum (A,C) Silvon (A,C) Vanadum (A,C) Vanadum (A,C) Silvon (A,C) Vanadum (A,C) Silvon (A,C) Vanadum (A,C) Silvon (A,C) Vanadum (A,C) Va		Volatile - TCLP (A)	Campylobacter(A,F)	
Selenium (A,C) Silibon (A,C) Thellium (A,C) Tin (A	Nivte (A)	Semi-Volable-TCLP (A)	Listeria (A,F)	
Sillon (A,C) Silver (A,C) Sodium (A,C) Scrium (A,C) Strontium (A,C) Tin (A,C		Posticide - TCLP (A)	FOOD (A,F)	
Silver (A,C) Sodium (A,C) Sironilum (A,C) Theillum (A,C) Think (A,C) The (A,C) Think (A,C)		Herbidde - TOLD (A)	** Collagen	
Sodium (A,C)  Strontium (A,C)  Thellium (A,C)  Thellium (A,C)  The (A,C)  The (A,C)  The (A,C)  The (A,C)  Vanadium (A,C)  The (A,C)  The (Continuous of samples upon receipt to the property of the continuous of samples upon receipt to the continuous of samples upon receipt to the property of the continuous of samples upon receipt to the continuous of sampl	Ortho Phosphale	(A,B) TOX (A)	% FAT	
Strontium (A,C) Thellium (A,C) Titinhum (A,C) Titinhum (A,C) Titinhum (A,C)  Vanadium (A,C) Vana	-		0/ Part	
Thellium (A,C)  Tin (A,C)  Tilentum (A,C)  Vanadium (A,C)  Van	O, mg/l		Wolce	
Tin (A,C) Tilentum (A,C) Vanadium (A	نسسم الال	LEGEND PRES	% Protein Water Activity - Aw	
Titinitum (A,C)  Vanadium (A,C)  Vanadium (A,C)  Vanadium (A,C)  Vanadium (A,C)  Zino (A,C)  Zino (A,C)  CONDITIONS OF SAMPLES  UPON RECEIPT  Thermomater Serial #  Q 4 3 3  Titinitum  Thermomater Serial #  Q 4 3 3  Titinitum  Titinitum  Thermomater Serial #  Q 4 3 3  Titinitum  Thermomater Serial #  Q 4 3 3  Titinitum  Company:  Collector ID#  Company:  Titinitum  Thermomater Serial #  Q 4 3 3  Titinitum  Thermomater Serial #  Thermomater Serial #  Q 4 3 3  Thermomater Serial #  Thermomater Serial #  Q 4 3 3  Thermomater Serial #  Q 4 3 3  T	PH 9.655 80	PEOLITO PRES	THE THE PART HOLE COLUMN	
Vanadium (A,C)  Zino (A,C)  Zino (A,C)  CONDITIONS OF SAMPLES  UPON RECEIPT  Thermomater Seriel #  C 4 3 3  Tinto:  Inpany:  Collector ID#  Company:  Date:  Received by (Print name & sign):  Date:  Received by (Print name & sign):  Page 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		B Hiso,	HCL	
Vanadium (A,C)  Zino (A,C)  Zino (A,C)  CONDITIONS OF SAMPLES  UPON RECEIPT  Thermomater Seriel #  C 4 3 3  Tinto:  Inpany:  Collector ID#  Company:  Date:  Received by (Print name & sign):  Date:  Received by (Print name & sign):  Page 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Ternp °C		Sodium Thiosfulfato	
Thermometer & Special Instructions:    Conditions of Samples upon receipt   Conditions of Samples upon receipt   Conditions of Samples upon receipt   Thermometer Serial # (7433)   Thermometer Serial # (7433)   Time:   Company:   Collector ID#   Company:   Collector ID#   Company:   Collector ID#   Company:   Collector ID#   Received by (Print name & sign):   Time:   Time:				
Thermometer Seriel #  Selection of the principle of the p	<del>                                     </del>	10 110 011	I Zinc Acetale	
Tino:    Collector ID#   Continuo & sign):    Collector ID#   Continuo & sign):    Collector ID#   Continuo & sign):    Collector ID#   Received by (Print name & sign):    Collector ID#   Received by (Print name & sign):    Continuo & sign):   Co	Cl <sub>2</sub> mg/l	T Culti.		
Tino:    Collector ID#   Continuo & sign):    Collector ID#   Continuo & sign):    Collector ID#   Continuo & sign):    Collector ID#   Received by (Print name & sign):    Collector ID#   Received by (Print name & sign):    Continuo & sign):   Co	TEMPERATURE OF SAMP		LABORE	
Tino:    Collector ID#   Continuo & sign):    Collector ID#   Continuo & sign):    Collector ID#   Continuo & sign):    Collector ID#   Received by (Print name & sign):    Collector ID#   Received by (Print name & sign):    Continuo & sign):   Co	Room Temperature	X Sample Intact	LABORATORY ACTION	
Tino:    Collector ID#   Continuo & sign):    Collector ID#   Continuo & sign):    Collector ID#   Continuo & sign):    Collector ID#   Received by (Print name & sign):    Collector ID#   Received by (Print name & sign):    Continuo & sign):   Co	Frozen		Sample Accepted	
npany:  Collector ID#  Corripany:  Received by (Print name & sign):  Time:  Received by (Print name & sign):	1.10=011	-Properly Preserved	Sample Rejected	
npany:  Collector ID#  Corripany:  Received by (Print name & sign):  Time:  Received by (Print name & sign):	RECEIVED AT - °C			
npany:  Collector ID#  Corripany:  Received by (Print name & sign):  Time:  Received by (Print name & sign):	Date:	Delivery to Lab. by (Print name & sign A	11	
Collector ID#   Corripany:   Date:   Received by (Print name & sign):   Time:   イソウミ・ア・ハンマン	77	- straigh M. A	المام (	
nquished by (Print name & sign):  Date: Received by (Print name & sign):  Time: "YGEL A. Nivera	Time:	1 22.00	10116	
nguished by (Print name & sign):  Date: Received by (Print name & sign): イソウヒ アル・ハンマンス		(inga) my. Tolor		
Time: Received by (Print name & sign):	Collector ID#			
Time: Tygel M. Rivery	Date	1 (/(1 ~()   1 / 1		
	Date:	Received at Lab. by (Print name & si	14:16	
	Time:	- 1		
pany: Collector ID# Company 777. Florence	imo:	Jan Clary	<i>(</i> 1)	
a superity.	Collector ID#	Dalé: Tro	<u></u> L	
EDURE NO: ALGAPODO	TOMOGOT IDII	Late: Name Time	o: 141.ja	